Amendments to the Claims:

1. (Cancelled)

2. (Previously Presented) A device according to Claim 28, wherein a first side wall of the first spacer is closed so as to form said first exchange wall and present an outer face adapted to cooperate with a plate so as to jointly define said second chamber, said first spacer, or said first spacer and said plate, defining a modular processing block.

3. (Previously Presented) A device according to Claim 2, comprising at least two blocks, the first spacer of which comprises a second opened side wall, parallel or inclined related to the first closed side wall, and arranged to be closed by a plate of another block.

4. (Previously Presented) A device according to Claim 2, comprising another first spacer, the outer face of the first exchange wall of which is destined to be tightly sealed by the said plate so as to define another second chamber, the said first spacers and the said plate defining a modular processing overblock.

5. (Previously Presented) A device according to Claim 28, comprising at least two first spacers having at least one first closed side wall so as to form a first exchange wall adapted to define with another first exchange wall a second chamber, the said first spacers so defining a modular processing block.

6. (Previously Presented) A device according to Claim 5, comprising at least two blocks, the first spacers of which each comprises a second side wall placed opposite a first side wall and closed so as to form a second exchange wall, each second exchange wall being adapted to define with another second exchange wall another second chamber.

7. (Previously Presented) A device according to Claim 5, comprising a diaphragm inserted between two successive first spacers to subdivide the second chamber into two parts, the said diaphragm forming the exchange wall.

8. (Previously Presented) A device according to Claim 28, wherein the first spacer comprises a first opened side wall, and it comprises at least a first and a second plates arranged to jointly define the said second chamber, the first plate being additionally destined to close the said first opened side wall by forming the said first exchange wall, and the said first spacer and the said first and second plates so defining a modular processing block.

9. (Previously Presented) A device according to Claim 8, comprising at least two blocks, the first spacers of which each comprises a second opened side wall, placed opposite a first opened side wall, and suitable to be tightly closed by a second plate of another block.

10. (Currently Amended) A device according to Claim 28, wherein the first exchange wall is a diaphragm.

11. (Previously Presented) A device according to Claim 28, comprising a second spacer of a selected thickness and including side walls defining the said second chamber, at least partly recessed for the flow of a second fluid, the said first and second spacers having a first opened side wall, the said first opened walls of the first and second spacers being destined to be placed one facing the other by inserting a separation diaphragm or a plate forming the said first exchange wall, and the said first and second spacers and the said diaphragm or plate defining a modular processing block.

12. (Previously Presented) A device according to Claim 11, comprising at least two blocks, the first spacers of which each comprises a second opened side wall placed opposite a first side wall, and suitable to be placed opposite a second side wall of another block by inserting another diaphragm or a plate.

13. (Previously Presented) A device according to Claim 2, wherein at least some of the plates forming an exchange wall are fitted with fluid disturbing devices.

14. (Previously Presented) A device according to Claim 13, wherein at least some of the disturbing devices are plate surface deformations.

15. (Previously Presented) A device according to Claim 13, wherein at least some of the disturbing devices are elements inserted on the plate.

16. (Currently Amended) A device according to Claim 28 ~~1~~, wherein at least some of the first spacers comprise a wall destined to subdivide their first chamber into two parts.

17. (Previously Presented) A device according to Claim 28, wherein at least one of the spacers includes means of injection arranged to inject at least a third fluid into the chamber of the said spacer.

18. (Previously Presented) A device according to Claim 28, wherein at least one of the spacers comprises three upper apertures and three lower apertures for supplying three fluids, and a collection of the said three fluids.

19. (Previously Presented) A device according to Claim 28, wherein at least one of the spacers includes one inserted element selected from a group consisting of a processing material, a vortex generator, a fluid flow guide and a stirrer.

20. (Previously Presented) A device according to, Claim 19, wherein the processing material is a metallic foam.

21. (Previously Presented) A device according to Claim 19, wherein the processing material is selected from a catalytic foam and a catalytic liner.

22. (Previously Presented) A device according to Claim 28, wherein at least one of the spacers is constituted of the assembly of at least two sub-spacers.

23. (Previously Presented) A device according to Claim 2, including at least two blocks or modular parallel overblocks, serially mounted so that an outlet of a first chamber of one of the blocks supplies with a first fluid the inlet of a first chamber of another block or overblock and that an outlet of a second chamber of one of the blocks or overblocks supplies with a second fluid an inlet of a first chamber of another block or overblock.

24. (Previously Presented) A device according to Claim 2, comprising at least two blocks or modular overblocks, the chambers of which comprise at least one first inlet and one outlet, and the said blocks or overblocks being mounted in parallel so that all the first inlets are jointly supplied with a first fluid a distributor and all the outlets supply a manifold.

25. (Previously Presented) A device according to Claim 28, wherein the second fluid is a heat conductor fluid or a secondary refrigerant fluid.

26 - 27. (Cancelled)

28. (Currently Amended) A device for exchange or reaction between at least two fluids, comprising tightly stacked modular blocks, each modular block comprising a first chamber for the flow of a first fluid and a second chamber for the flow of a second fluid, said first and second chambers being separated one from the other by a first exchange wall suitable for an exchange or a reaction between the fluids, wherein each modular block comprises a first spacer with a recessed center part forming said first chamber, the second chamber being formed between said first exchange wall and a second exchange wall, said first and second exchange walls being stacked one to the other and said second exchange wall being an independent wall or a closed side wall of ~~or between the first exchange wall and~~ a second spacer, and wherein each spacer and each exchange wall is provided with ~~four~~ two or ~~six~~ three holes in one of its ends and two or three holes in its opposite end for supplying the fluids to said first and second chambers and for collecting the fluids from said first and second chambers.